



(PATENT)
Docket No.: PF112P6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Timothy A. Coleman

Application No.: 09/921,143

Group Art Unit: 1653

Filed: August 3, 2001

Examiner: Not Yet Assigned

For: Vascular Endothelial Growth Factor 2

RECEIVED

JUN 23 2003

**FIFTH SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT**

TECH CENTER 1600/2900

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of a claim of the subject application, Attorney for Applicants hereby directs the Examiner's attention to references FX-GT on the attached Form SB/08. A copy of each of references FX-FY is enclosed.

The Statutory Declarations cited on the attached Form SB/08 as references FZ-GT have all been previously submitted to the Patent Office in the above-captioned application. Applicants wish to have the Statutory Declarations considered by the Examiner and marked in the record as such. Therefore, Applicants are submitting the instant Information Disclosure Statement with these Statutory Declarations listed on the accompanying Form SB/08. No copies of the Statutory Declarations referenced as FZ-GT are being provided because copies of these Statutory Declarations have been submitted previously.

The listed references are presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. See 37 C.F.R. § 1.104(a) concerning the Examiner's duty to consider and use any such information. Applicants respectfully request

that the Examiner make the listed references of record in the file history of the application, and consider the information contained therein during the prosecution of this application.

Identification of the listed references is not to be construed an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants do not waive any rights to take appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

Pursuant to 37 C.F.R. § 1.97(b), since this information disclosure statement is being filed before the mailing date of a first Office Action on the merits, no fee is due in connection herewith. However, should the Patent Office determine otherwise, please charge the required fee to Human Genome Sciences, Inc., deposit account no. 08-3425.

Dated: June 20, 2003

Respectfully submitted,

By 
Melissa J. Pytel

Registration No.: 41,512
HUMAN GENOME SCIENCES, INC.
9410 Key West Avenue
Rockville, Maryland 20850
(301) 610-5764

MMW/MJP/lcc



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/921,143-Conf. #6449
				Filing Date	August 3, 2001
				First Named Inventor	Timothy A. Coleman
				Art Unit	1653
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	PF112P6

RECEIVED

JUN 23 2003

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	FX	US-6,040,157	03-21-2000	Hu et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	FY	International Search Report, Application No. PCT/US02/26246, mailed May 21, 2003		
	FZ	Statutory Declaration of Kari Alitalo, executed on August 14, 2002, and accompanying Exhibits KA-1 and KA-2		
	GA	Statutory Declaration of Peter Adrian Walton Rogers, executed on August 9, 2002		
	GB	Statutory Declaration of Francis John Ballard, executed on July 16, 2002		
	GC	Statutory Declaration of Kari Alitalo, executed on July 16, 2002, and accompanying Exhibit 1.		
	GD	Statutory Declaration of Susan Power, executed on March 22, 2002, and accompanying Appendices I to IV		
	GE	Statutory Declaration of Nicholas Kim Hayward, executed on March 26, 2002		
	GF	Statutory Declaration of Stuart A. Aaronson, executed on March 22, 2002, and accompanying Appendices I to III		
	GG	Statutory Declaration of Gary Baxter Cox, executed on March 22, 2002, and accompanying Exhibit GBC24 (Statutory Declaration of Peter Adrian Walters, executed on October 26, 2001)		
	GH	Statutory Declaration of Frances John Ballard, executed on December 12, 2001, and accompanying Exhibit 1		
	GI	Statutory Declaration of Kari Alitalo, executed on September 24, 2001, and accompanying Exhibits 1 and 2		
	GJ	Statutory Declaration of Peter Adrian Walton Rogers, executed on November 12, 2001, and accompanying Exhibits PAWR1 to PAWR14		
	GK	Statutory Declaration of John Stanley Mattick, executed on December 12, 2000, and accompanying Exhibits JSM1 to JSM4		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/921,143-Conf. #6449
				Filing Date	August 3, 2001
				First Named Inventor	Timothy A. Coleman
				Art Unit	1653
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	PF112P6

RECEIVED

JUN 23 2003

NON PATENT LITERATURE DOCUMENTS		
GL	Statutory Declaration of Nicholas Kim Hayward, executed on December 8, 2000, and accompanying Exhibits NKH 1 and 2	
GM	Statutory Declaration of Jennifer Ruth Gamble, executed on December 12, 2000, and accompany Exhibits JRG 1 to 3	
GN	Statutory Declaration of Tom Rapoport, executed on December 13, 2000, and accompanying Exhibits TP 1 and 2	
GO	Statutory Declaration of Stuart A. Aaronson, executed on December 14, 2000, and accompanying CV	
GP	Statutory Declaration of Susan Power, executed on December 13, 2000, and accompanying Appendices 1 to 2 and F161	
GQ	Statutory Declaration of Gary Baxter Cox, executed on December 13, 2000, and accompanying Exhibits GBC 1 to 23	
GR	Statutory Declaration of Peter Adrian Walton Rogers, executed on February 16, 2000, and accompanying Exhibit 1	
GS	Statutory Declaration of Frances John Ballard, executed on February 16, 2000, and accompanying Exhibit 1	
GT	Statutory Declaration of Kari Alitalo, executed on February 15, 2000, and accompanying Exhibits 1 to 3	

TECH CENTER 1600/2900

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--